

**1998 Irrigated Alfalfa Variety Yield Trial, University of Wyoming Research and Extension Center,  
Torrington, WY.**

Brand/Variety	Origin or Marketer	Yield in Tons/Acre Dry Matter*					
		5-28-99	7-17-99	8-19-99	10-11-99	1999 Total	% of Ranger
Paramount	WL Research	2.07	2.14	1.45	1.12	6.78	110
Pinnacle	Arkansas Valley Seeds	2.15	2.02	1.36	1.22	6.75	109
Rebound	Genex Land O'Lakes	2.20	2.19	1.35	1.00	6.74	109
Cimarron 3i	Great Plains Research	2.02	2.05	1.45	1.21	6.73	109
Mountaineer	Genex Land O'Lakes	2.22	2.09	1.35	1.00	6.66	108
Plumas	Union Seed	2.03	1.97	1.45	1.20	6.64	108
Geneva	Novartis	2.32	1.94	1.22	1.08	6.56	106
Wrangler	Public	2.16	1.95	1.33	1.00	6.43	104
DK142	DeKalb	2.04	1.85	1.38	1.07	6.34	103
Innovator +Z	Americas Alfalfa	1.85	2.17	1.24	1.07	6.33	103
Amerigraze 401+Z	Americas Alfalfa	2.00	1.95	1.25	1.11	6.32	102
DK134	DeKalb	2.22	1.73	1.34	.93	6.22	101
Ranger	Public	2.03	1.91	1.28	.95	6.17	100
Feast	AgriPro Seeds Inc.	2.04	1.92	1.28	.92	6.17	100
Vernal	Public	1.90	2.09	1.21	.84	6.04	98
Yielder	AgriPro Seeds Inc.	2.07	1.69	1.30	.77	5.82	94
Average		2.08	1.98	1.33	1.03	6.42	
LDS (0.05)		NS	0.27	NS	0.16	0.59	
CV (%)		11.2	9.5	9.9	10.9	6.5	

\*Dried for 48 hr at 60 degrees C. To convert dry tons per acre to hay at 12% moisture, multiply by 1.136.

ESTABLISHMENT PROCEDURE: Seeded on 5-8-98 @ 24 lbs pure live seed per acre after 250 lbs/A of 11-52-0 were soil incorporated. Borders were seeded to Big Horn. Trail was both sprinkler and border flood-irrigated.

ELEVATION: 4104 ft above sea level; 148 days above 28 degrees F.

SOIL TYPE: Clay Loam.

EXP. DESIGN: Randomized Complete Block, Four Replications. Yields differing from each other by more than the LSD are different odds of at least 19 to 1. An LSD designation of N.S. indicates a difference that is "non-significant".

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